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SOURCE Taegliche Rundschau.

NEW MACHINERY, INDUSTRIAL EQUIPMENT  
ON EXHIBIT AT LEIPZIG FAIR

RADIAL BORING MACHINE TO BE SHOWN -- Taegliche Rundschau, No 54, 4 Mar 50

A radial boring machine, constructed by the people-owned Berlin Machine Tool  
Factories (formerly Kaerger), Krautstrasse 52, will be exhibited at the Leipzig  
Fair. The designer is chief engineer Winkler (fnu).

The machine has an overhang of 1,600 millimeters and a drilling capacity of  
50 millimeters. It is of great importance for machine building and similar indus-  
tries.

EXHIBITS LUBRICATING APPARATUS -- Taegliche Rundschau, No 57, 8 Mar 50

The firm Wunder KG, of Dresden-Klotzsche, is exhibiting at the Leipzig Fair a  
newly developed lubricating apparatus which has been patented throughout Germany.

The apparatus can be installed in all machines which are equipped with fric-  
tion bearings. Vacuum power is used to prevent the oil from leaking out of the  
bearings, thus preventing waste. Conservation of lubricants, as compared with oil  
droppers, amounts to 98 percent.

NEW CUSHION COUPLING SHOWN -- Taegliche Rundschau, No 60, 11 Mar 50

The Stromag Machine Factory is exhibiting a new cushion coupling, Periflex  
DRP, at the Leipzig Fair. The flexibility of this coupling is achieved by means  
of a fiber reinforced, interchangeable rubber ring. Because of its large permis-  
sible angle of torsion (up to 16 degrees at maximum torque), the coupling is able  
to absorb a quick succession of peak loads, such as cushion couplings of other  
makes are unable to cope with.

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TO EXHIBIT IMPROVED CABLES -- Taegliche Rundschau, No 52, 2 Mar 50

Cable material of improved construction will be shown at the Leipzig Fair by the IKA Association of People-Owned Enterprises.

Of special interest in this connection is aerial cable 49, made by the Vacha plant, which ensures clear reception even in housing areas where interference is constant.

The Plauen Cable Works will show flat cables which contain new, highly effective insulating materials. Extensible telephone cords will also be shown, as will cables for winding underwater engines, cable for photoelectric tubes, microphone cords, and special cable equipment.

PORTABLE STEAM-OPERATED ELECTRIC GENERATOR -- Taegliche Rundschau, No 61, 12 Mar 50

The Buckay-Wolf Machine Shops (Magdeburg) are showing at the Leipzig Fair a portable steam-operated electric power generator of 40 kilowatts' capacity for use in connection with mechanical tree felling.

The generator furnishes electric power for the operation of mechanical saws and also supplies power for the cable winch and crane used for towing and loading the felled trees.

EXHIBIT GIANT REACTION APPARATUS -- Taegliche Rundschau, No 57, 8 Mar 50

The Schott Plant in Jena is showing a continuously operating reaction apparatus developed by Hans Weber, engineer. The apparatus is 13 meters high and is used in the Jena Plant for the production of antimony. It is a versatile large-scale device used for the extraction or solution of inorganic and organic substances and is effective for the extraction of metal from even the poorest ores. The process takes place at a temperature of 110 degrees [Centigrade?] with the use of highly concentrated acids.

IMPROVED OIL BURNERS SHOWN -- Taegliche Rundschau, No 60, 11 Mar 50

At the Leipzig Fair the Atomizer Plant of the people-owned NAGEMA (Construction of Machines for the Essential and Luxury Food Industry) in Meissen is exhibiting oil burners for all types of industrial and smelting furnaces as well as for installations for the production of steam and hot water. These burners are designed for the safe and complete combustion of inferior lignite tar oils, etc. The burners are equipped with atomizer nozzles in conjunction with special burner accessories, adjustable air supply, and highly fire-resistant muffle.

EXHIBITS NEW DRIVING BELT -- Taegliche Rundschau, No 58, 9 Mar 50

A new type of driving belt, bearing the trade name Wegelit, is being exhibited at the Leipzig Fair by the firm Werner Hirmann of Schlotheim (Thuringen).

The belts are made of a fabric which is dipped in and coated with Igelit. They can be obtained by the meter or piece and their chief advantages over the standard makes heretofore in use consist of strong adhesive qualities, very little stretch, increased tensile strength, resistance to acid, and insensitiveness to oil.

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SPECIAL ELECTRICAL INSPECTION DEVICES -- Taegliche Rundschau, No 57, 8 Mar 50

Special electric lamps for the inspection of hollow objects, such as barrels, canisters, and carboys, manufactured by the People-Owned Association of Electric Motor Works, are being exhibited at the Leipzig Fair. The lamps are supplied with current by a battery mounted in the mechanism.

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